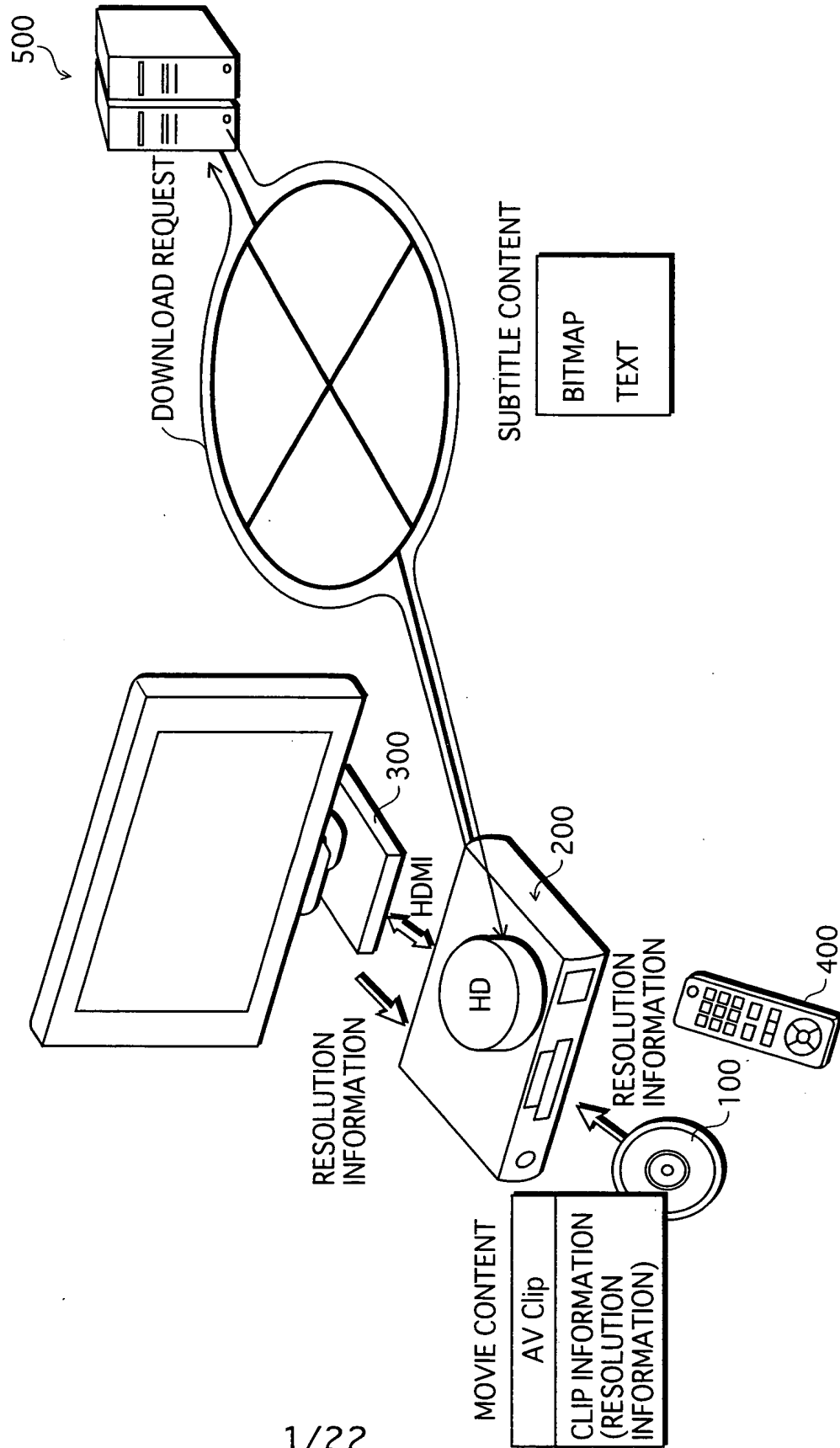
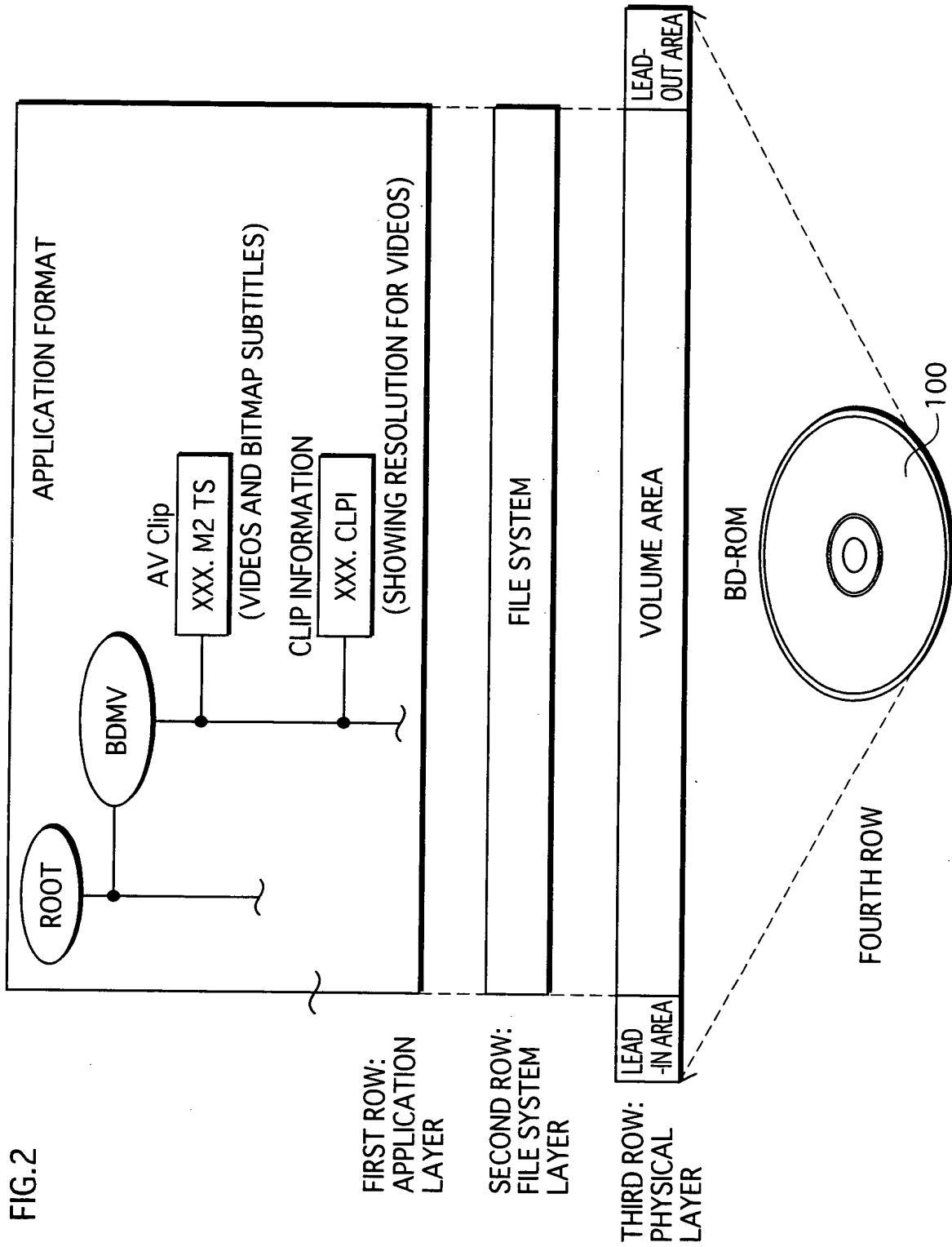


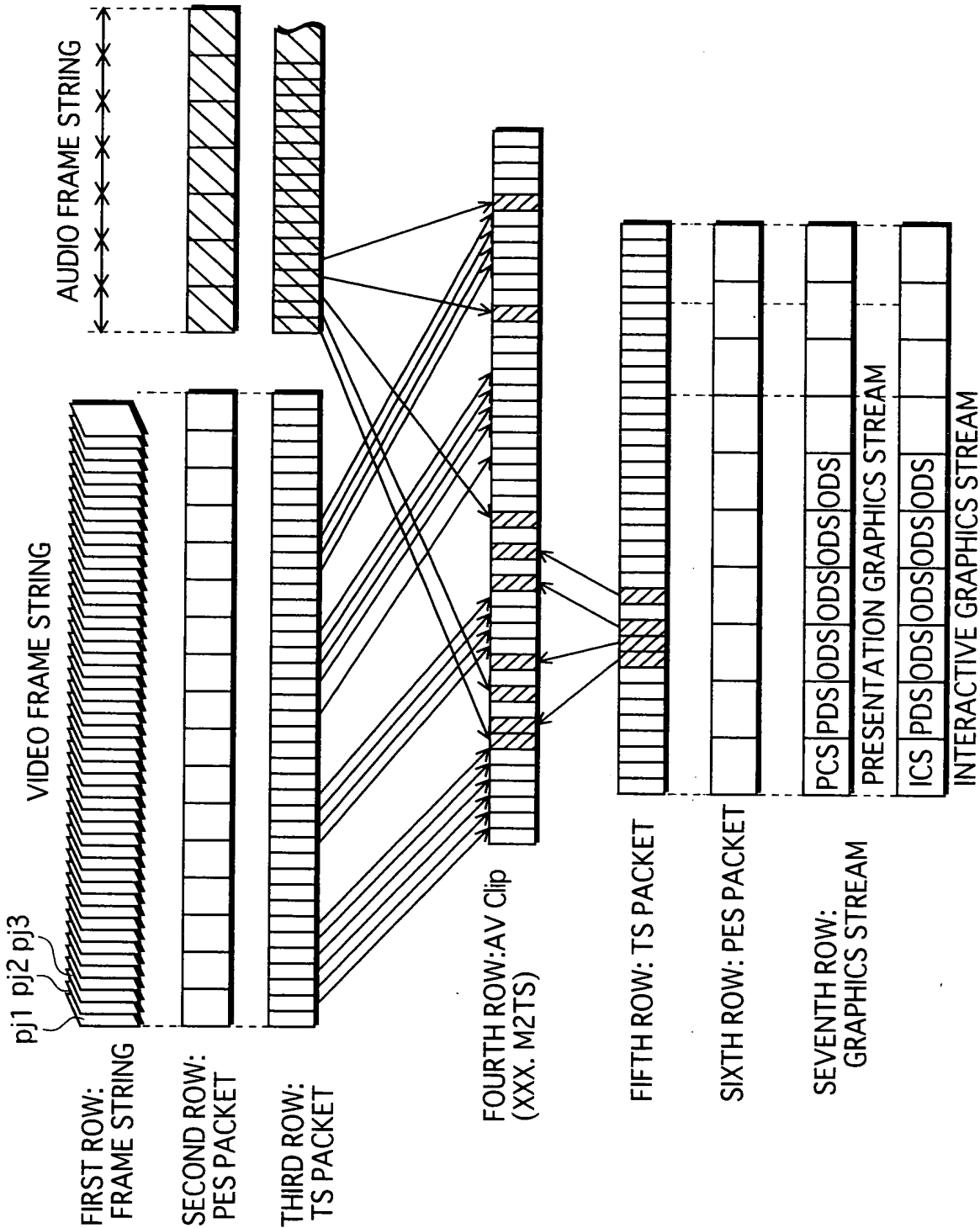
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FIG. 1



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transport packers with the same PID



FIG. 4B

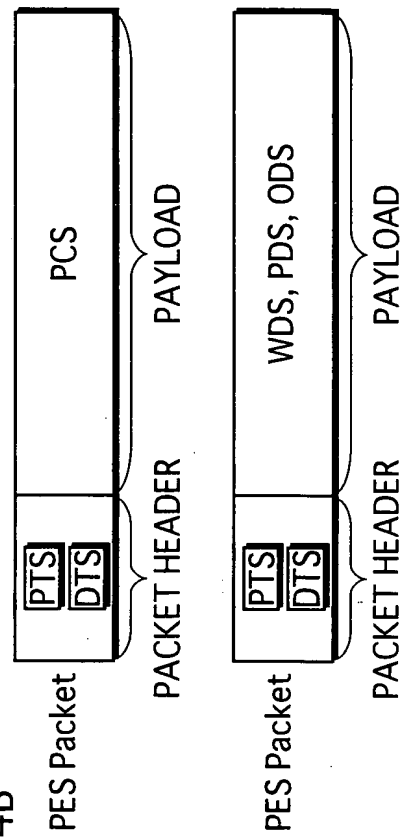
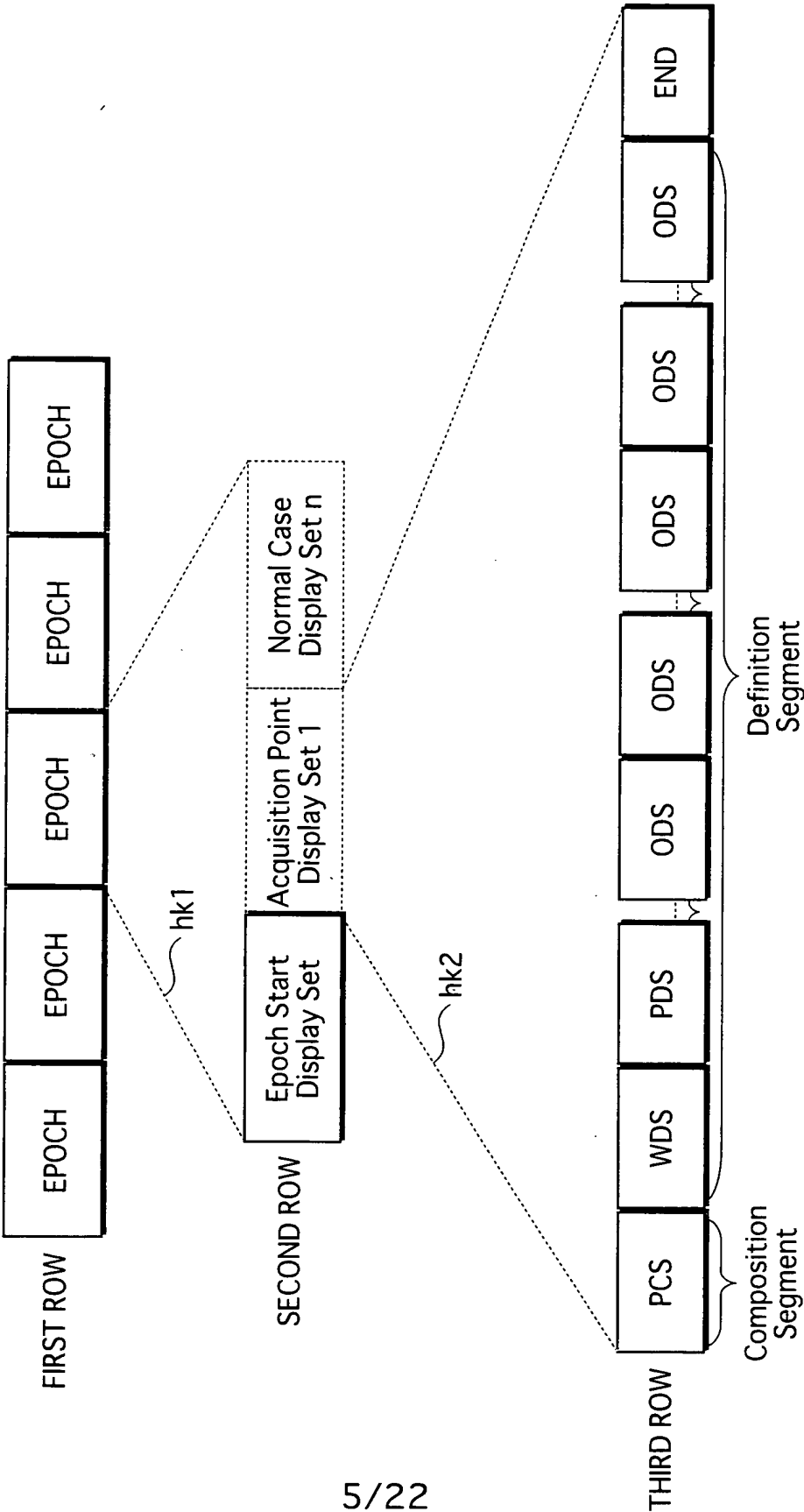
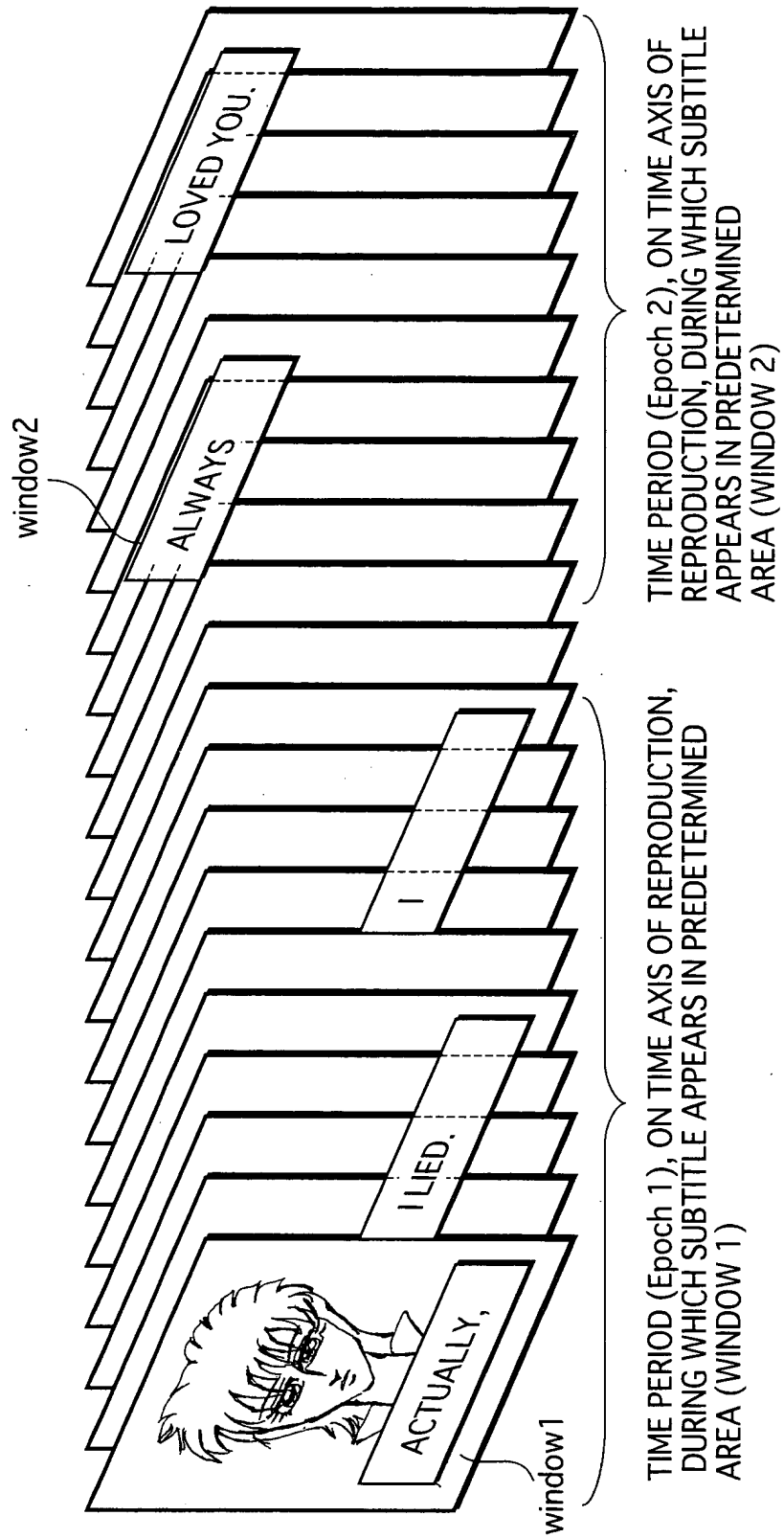


FIG.5



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FIG. 6



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FIG.7A

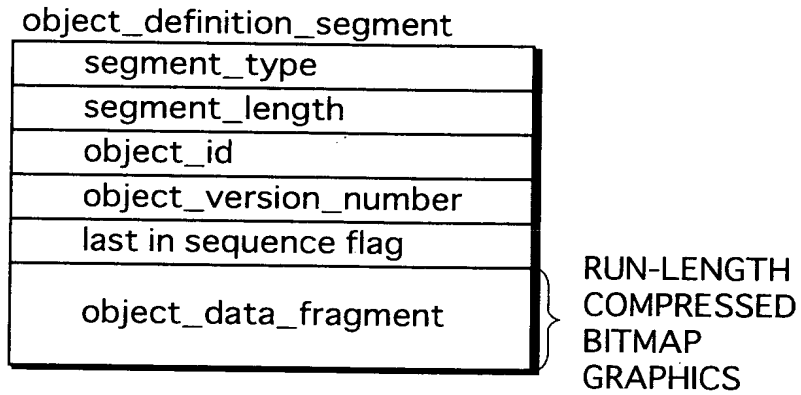
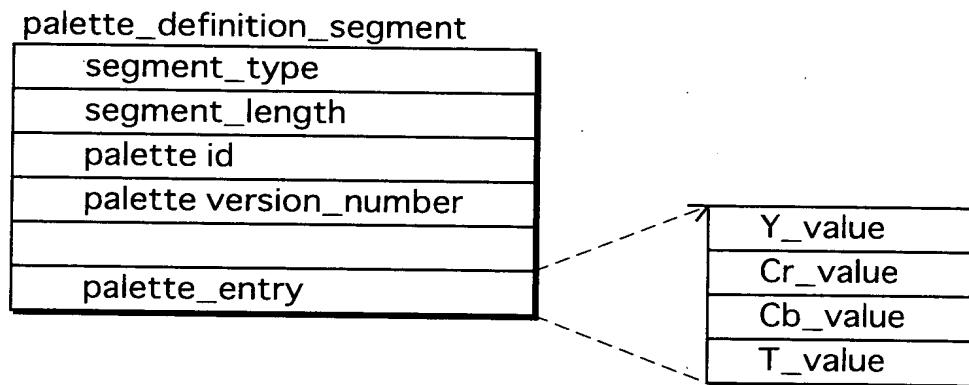


FIG.7B



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FIG.8A

window_definition_segment	
window_id	
window_horizontal_position	
window_vertical_position	
window_width	
window_height	

FIG.8B

presentation_composition_segment

segment_type	
segment_length	
composition_number	
composition_state	
palette_update_flag	
palette_id	
composition_object(1)	
composition_object(2)	
:	
composition_object(i)	
:	
composition_object(m)	

wd1

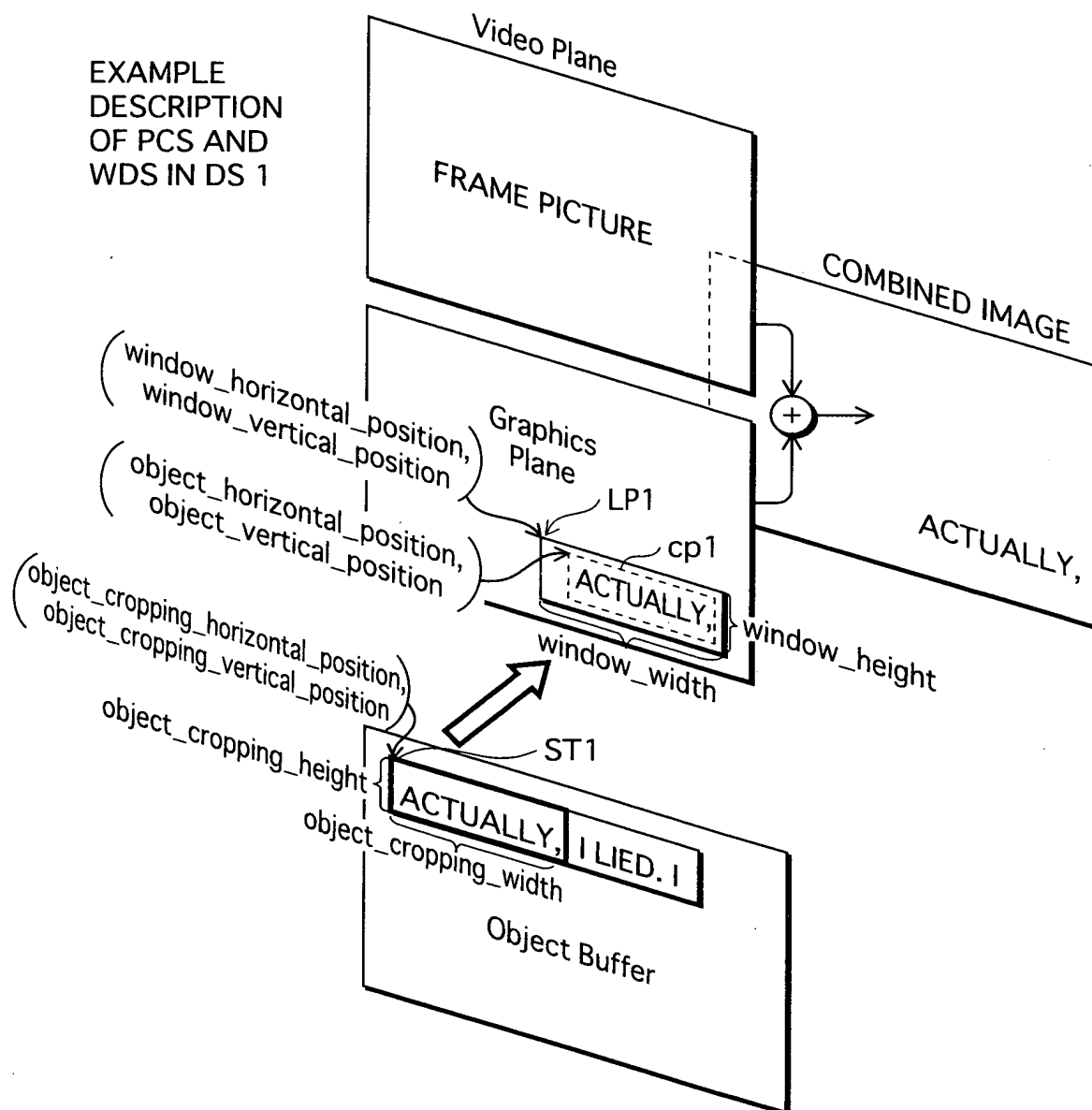
object_id	
window_id	
object_cropped_flag	
object_horizontal_position	
object_vertical_position	
cropping_rectangle_information(1)	
cropping_rectangle_information(2)	
:	
cropping_rectangle_information(i)	
:	
cropping_rectangle_information(n)	

wd2

object_cropping_horizontal_position	
object_cropping_vertical_position	
object_cropping_width	
object_cropping_height	

The diagram illustrates a process for detecting a lie using a multi-layered neural network. The input is a stack of frames showing a person's face. The network processes these frames through layers labeled "ACTUALLY," and "I LIED." The output is a sequence of frames labeled "DS1", "DS2", and "DS3". The "DS1" frame is labeled "Epoch Start" and contains "PCS", "WDS", "PDS", "ODS", and "END". The "DS2" and "DS3" frames are labeled "Normal Case" and contain "PCS" and "END". Arrows indicate the flow of data from the input frames through the layers to the output frames.

EXAMPLE DESCRIPTION OF PCS AND WDS IN DS 1



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FIG. 11

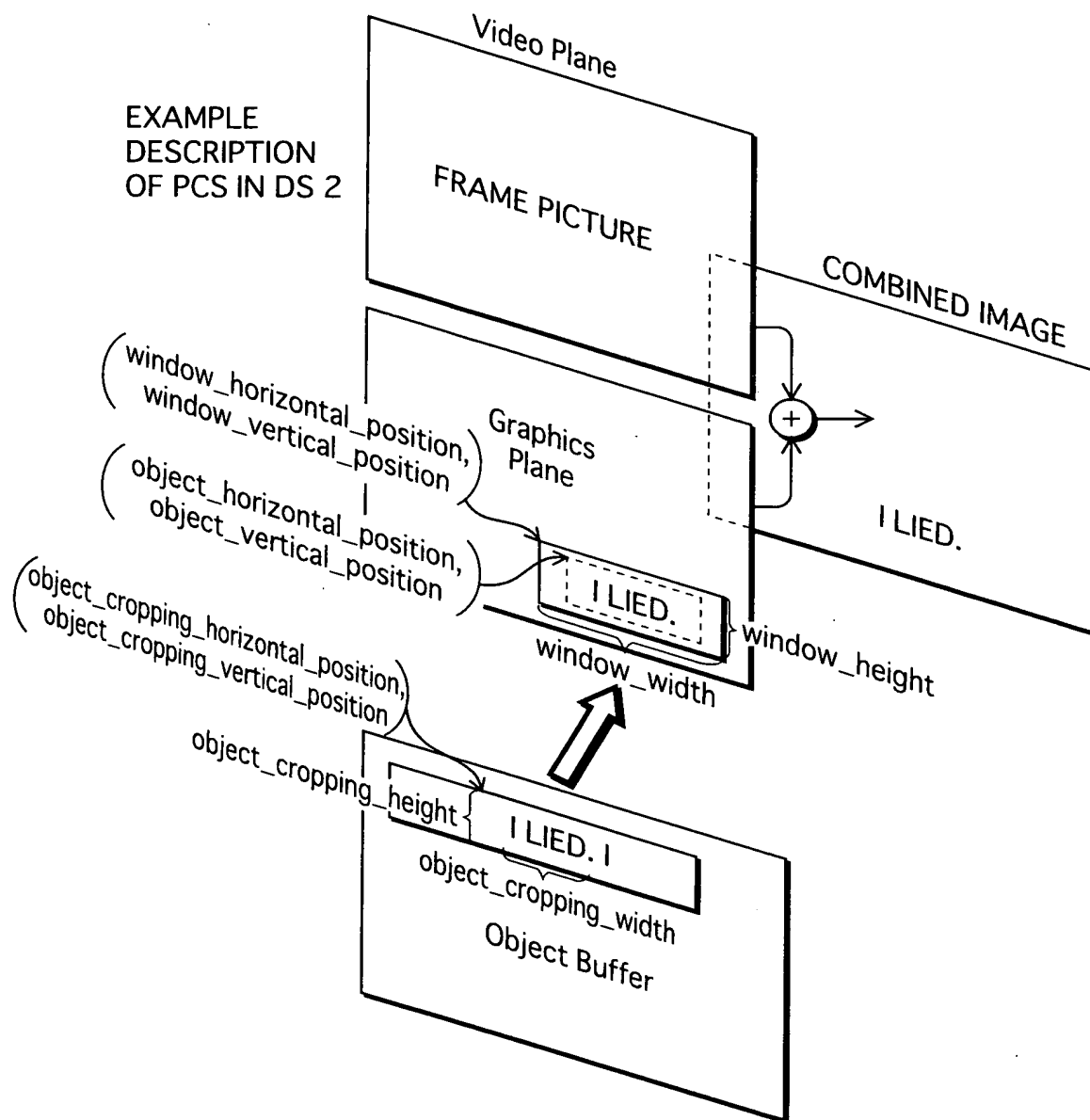
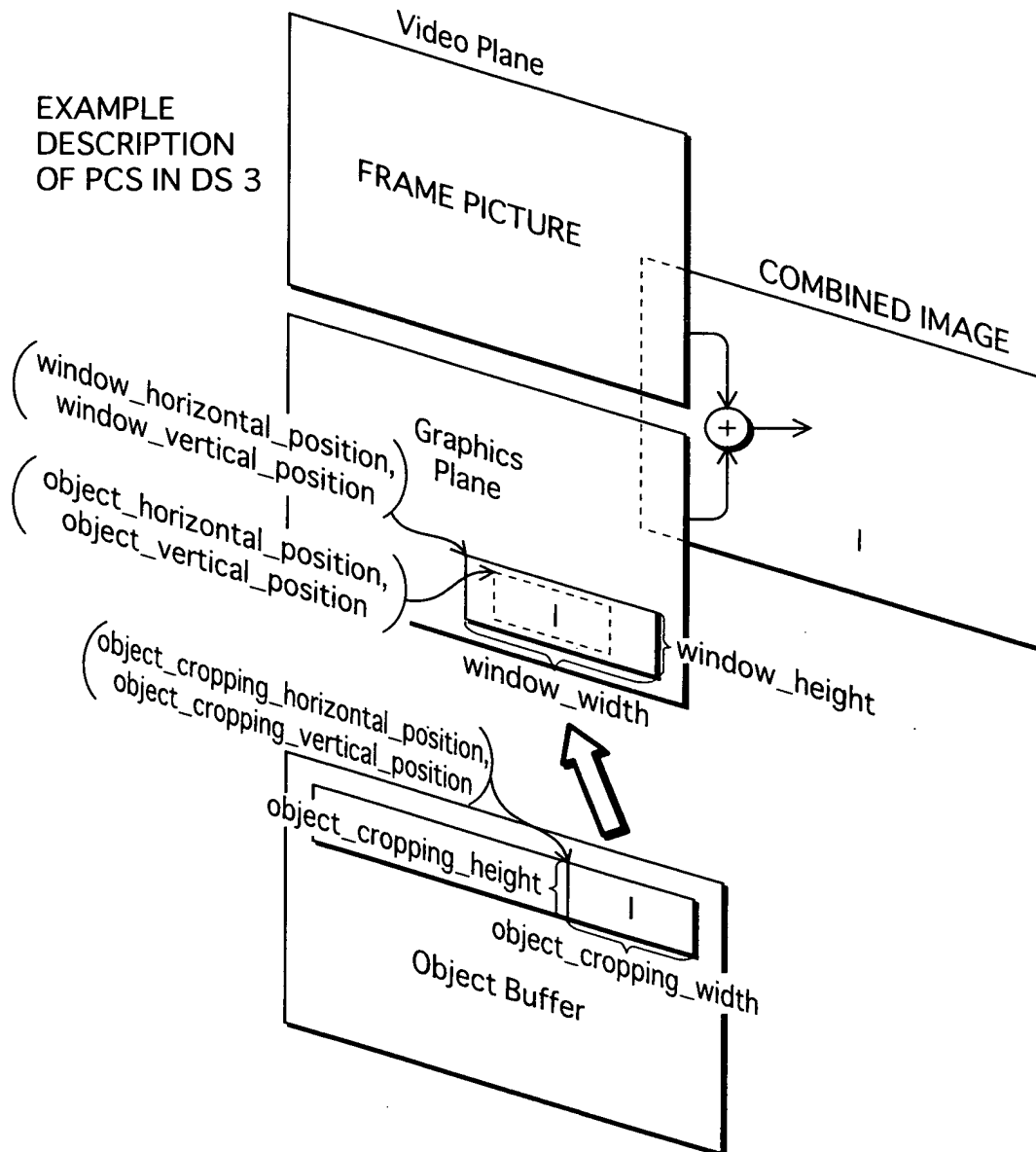
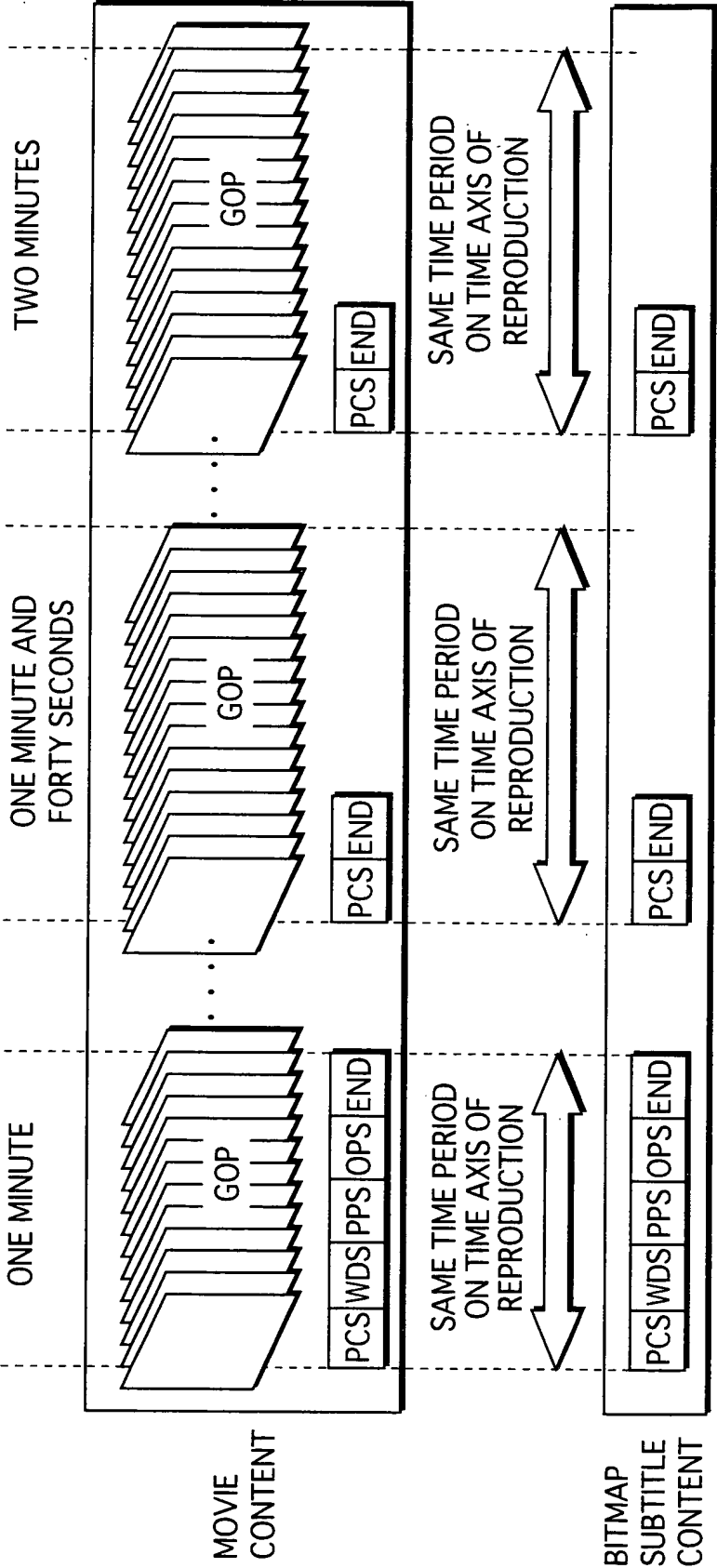


FIG.12



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FIG.13



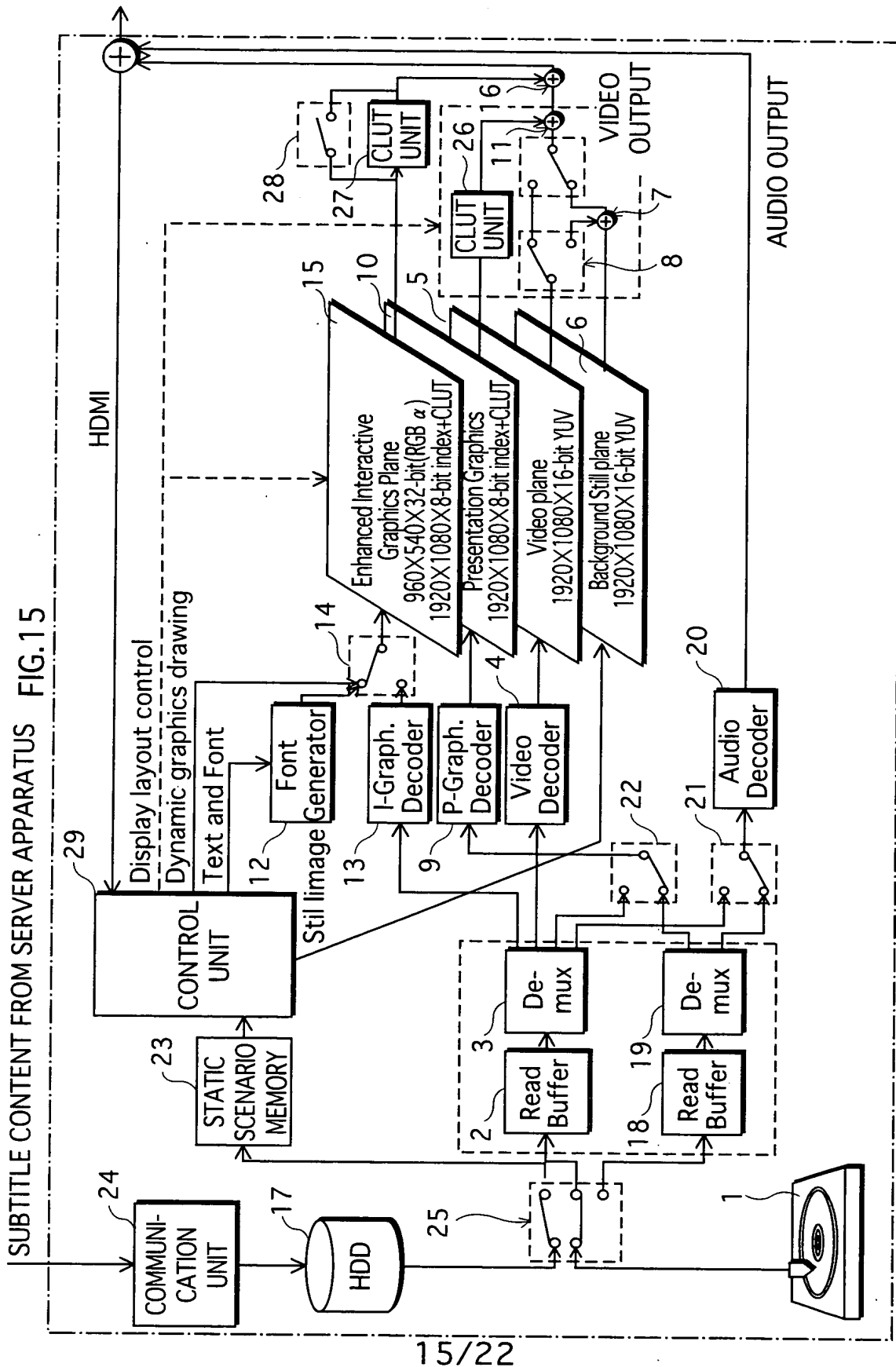
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FIG.14

TEXT SUBTITLE CONTENT

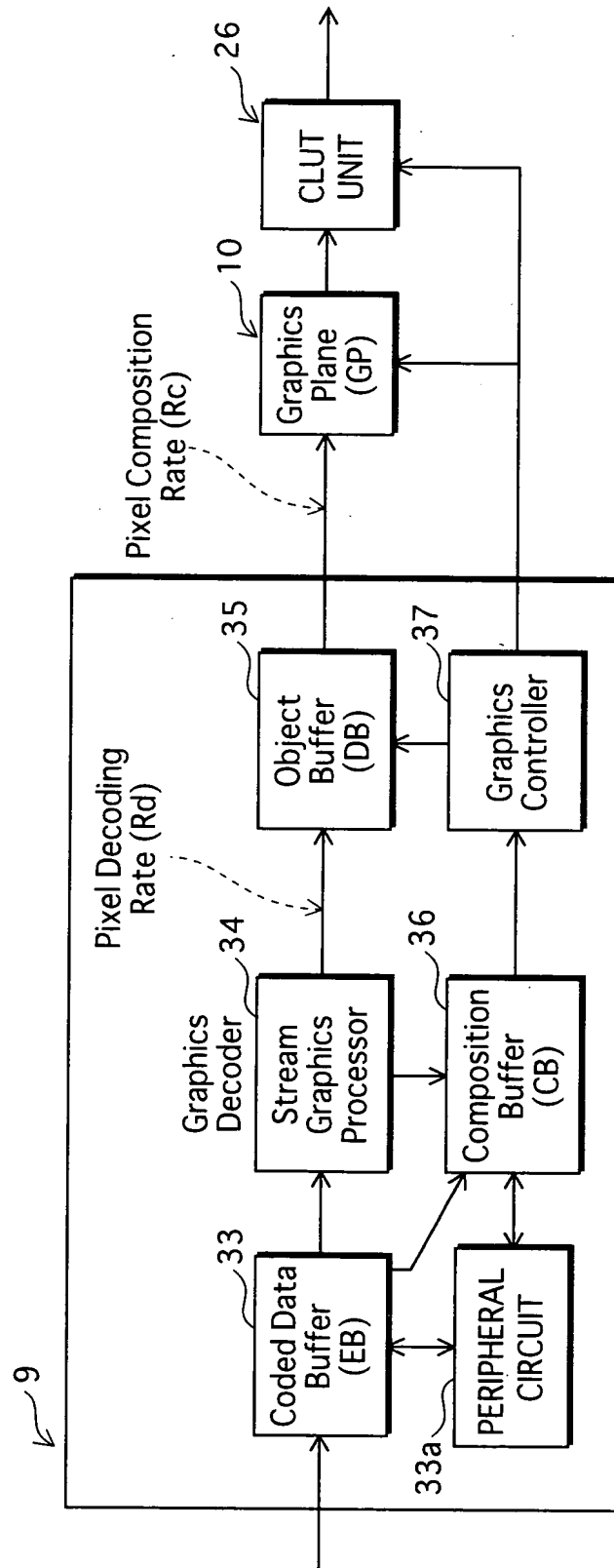
CHAPTER	START TIME CODE	END TIME CODE	DISPLAY COLOR	TEXT DATA	SIZE	DISPLAY POSITION
1	00:00:00:10	00:00:00:15	WHITE	TEXT DATA 1	18 POINTS	
2	00:20:40:00	00:20:50:00	YELLOW	TEXT DATA 2	14 POINTS	
3	00:01:05:00	00:01:06:00	WHITE	TEXT DATA 3	14 POINTS	
4						

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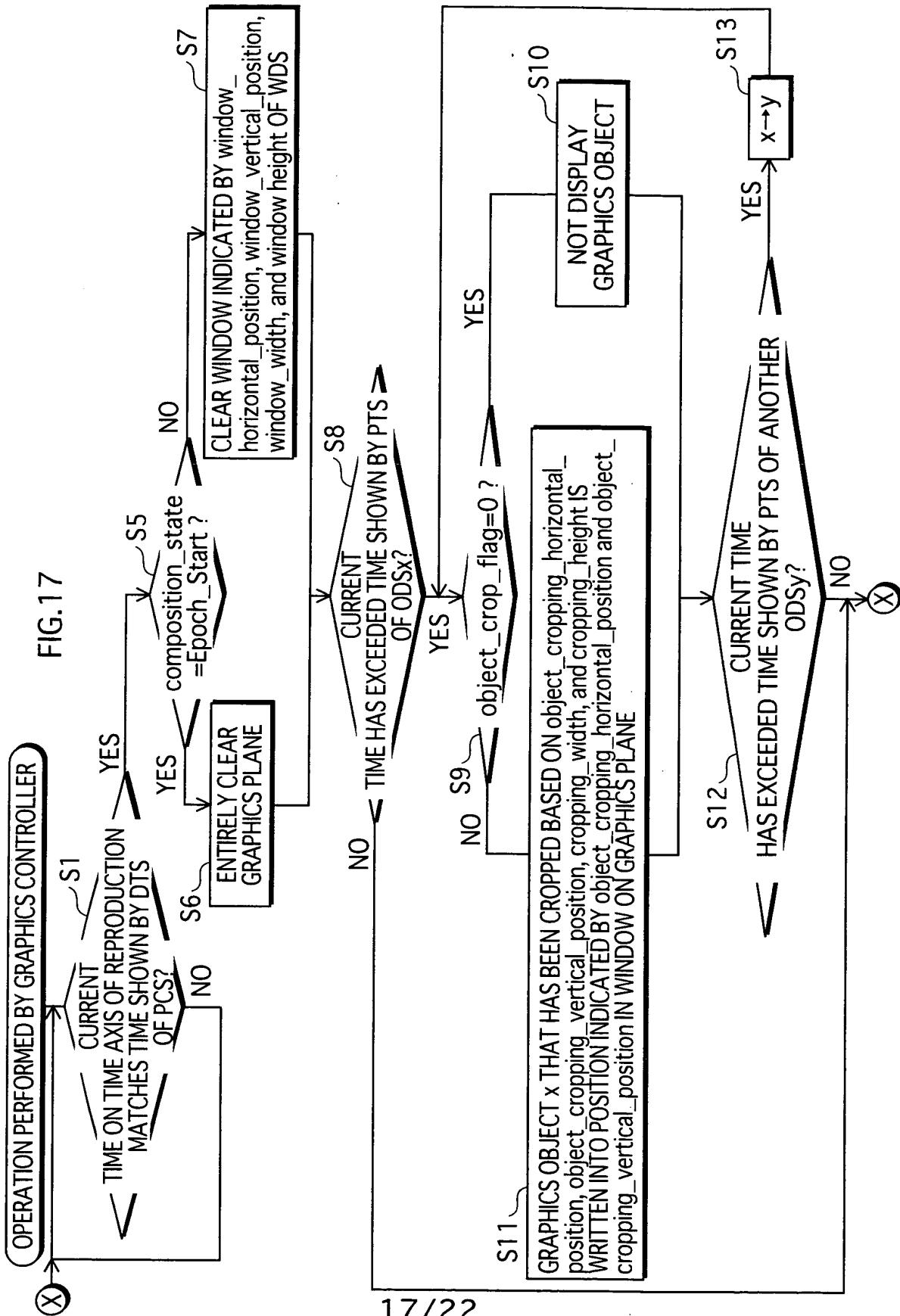


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FIG.16

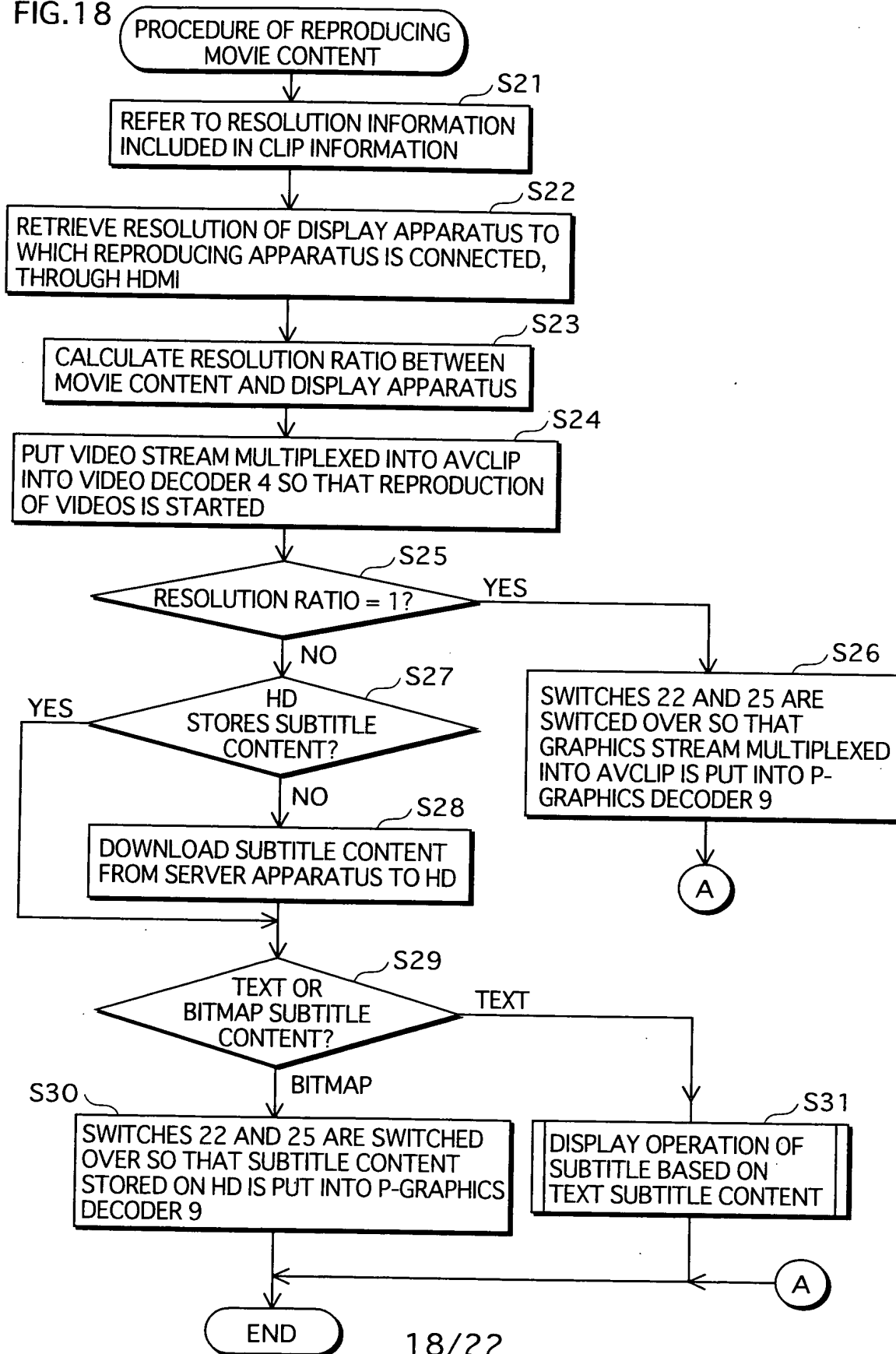


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FIG. 18



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FIG.19

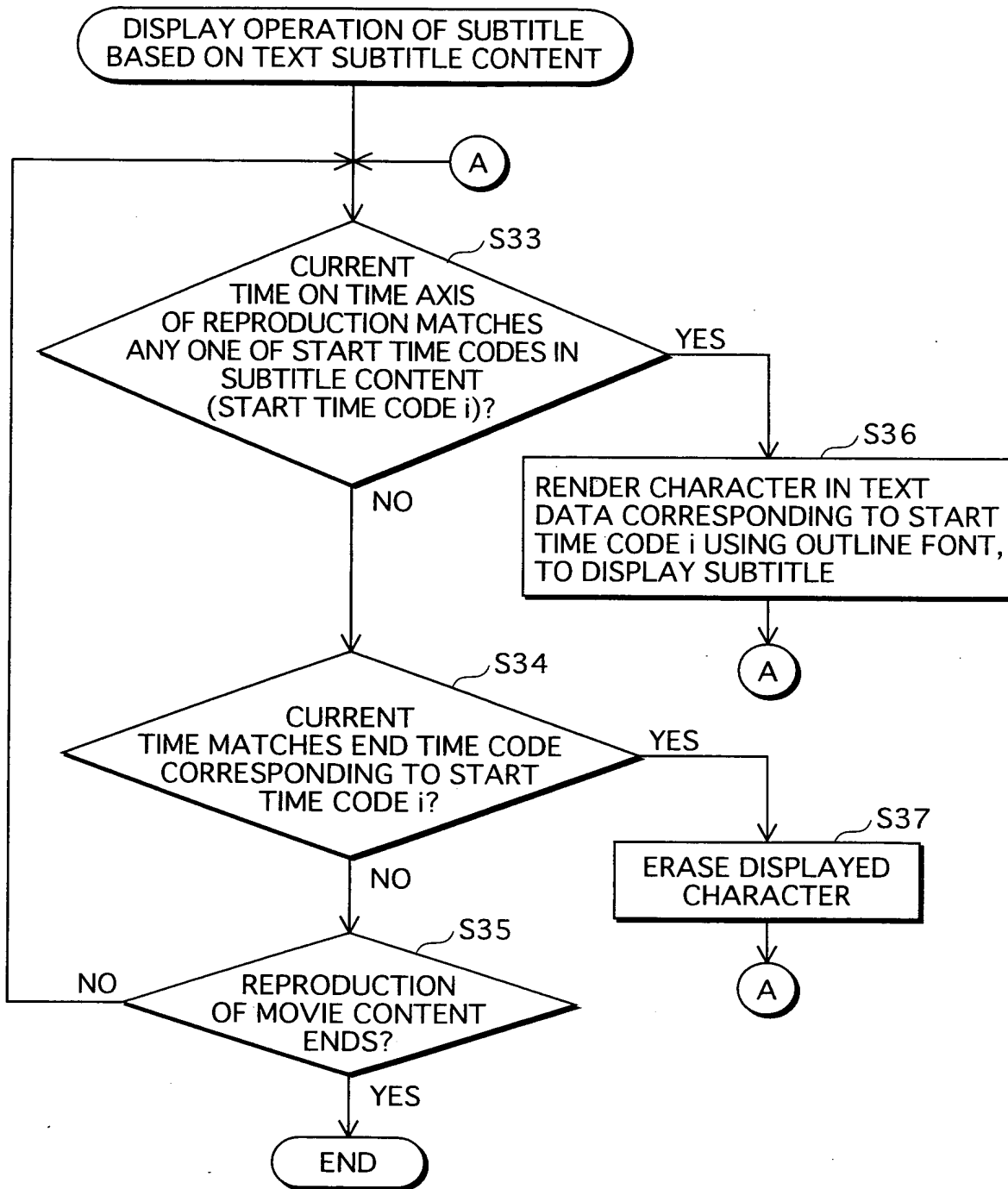


FIG.20A

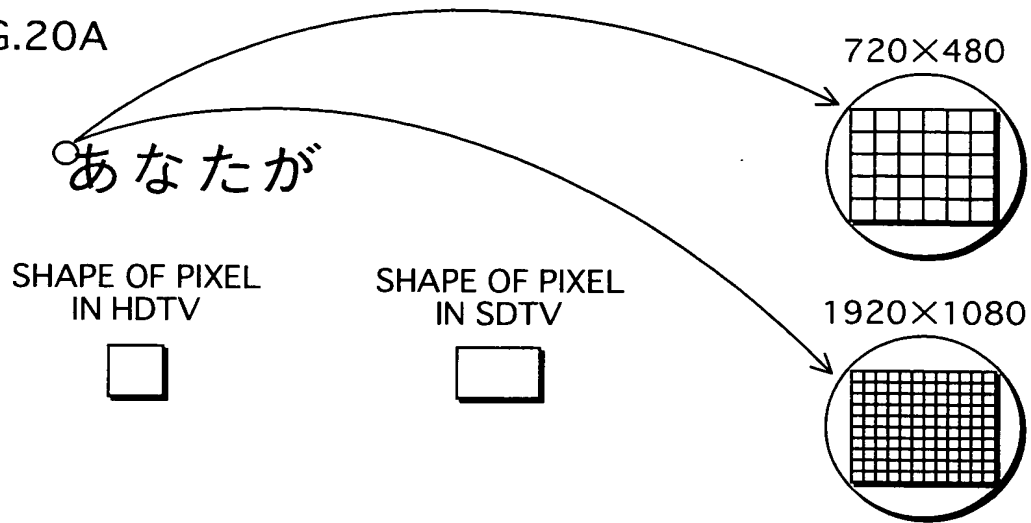
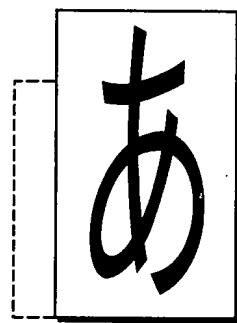


FIG.20B

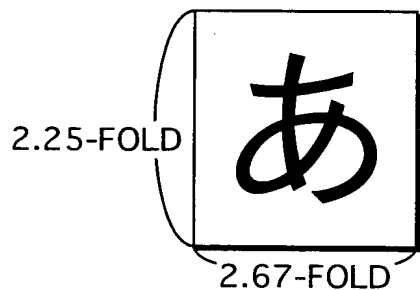


IF SUBTITLE COMPATIBLE WITH
 RESOLUTION OF 720×480
 IS MERELY DISPLAYED AT
 RESOLUTION OF 1920×1080 ,



CHARACTERS ARE DISPLAYED
 VERTICALLY LONG BECAUSE
 OF DIFFERENCE IN SHAPE OF
 EACH PIXEL

FIG.20C



ENLARGE CHARACTERS BASED ON
 HORIZONTAL AND VERTICAL
 RESOLUTION RATIOS

$2.67 = \text{HORIZONTAL RESOLUTION RATIO} = 1920 \text{ PIXELS} / 720 \text{ PIXELS}$

$2.25 = \text{VERTICAL RESOLUTION RATIO} = 1080 \text{ PIXELS} / 480 \text{ PIXELS}$

FIG.21A HTML DOCUMENT (SDTV)

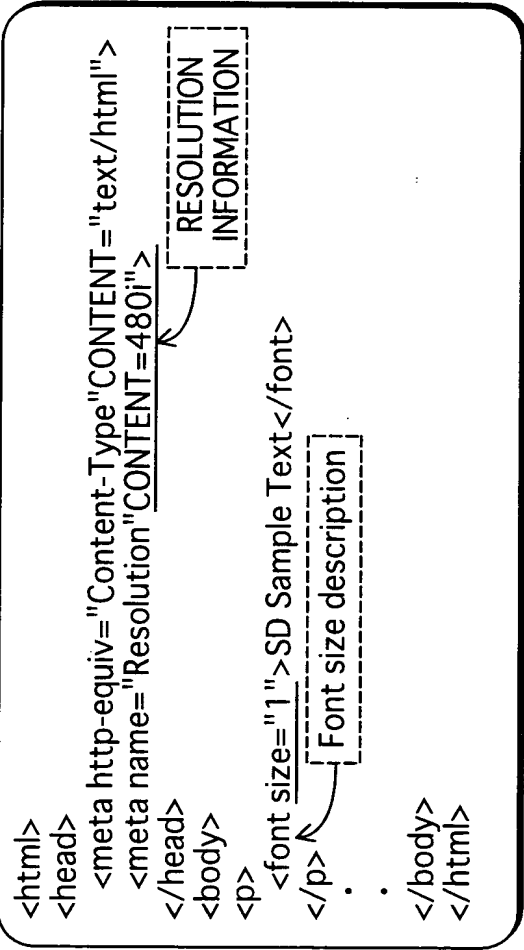
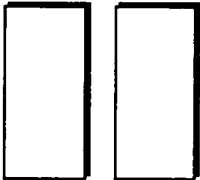


FIG.21B

DOCUMENT COMPATIBLE
WITH SDTV



HTML DOCUMENT (HDTV)

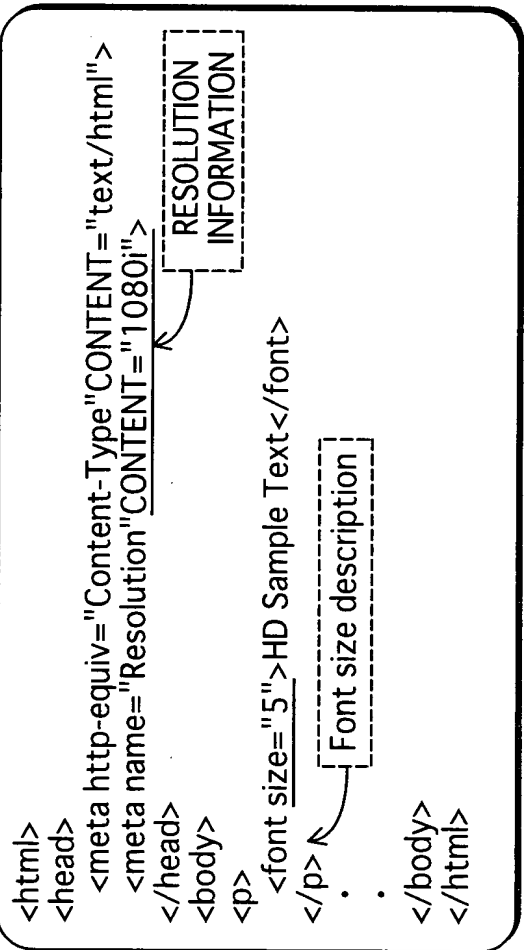


FIG.21C

DOCUMENT COMPATIBLE
WITH HDTV

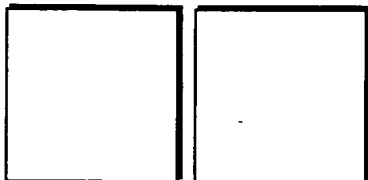


FIG.22A

突	然	だ	っ	た
わ	た	し	は、	

FIG.22B

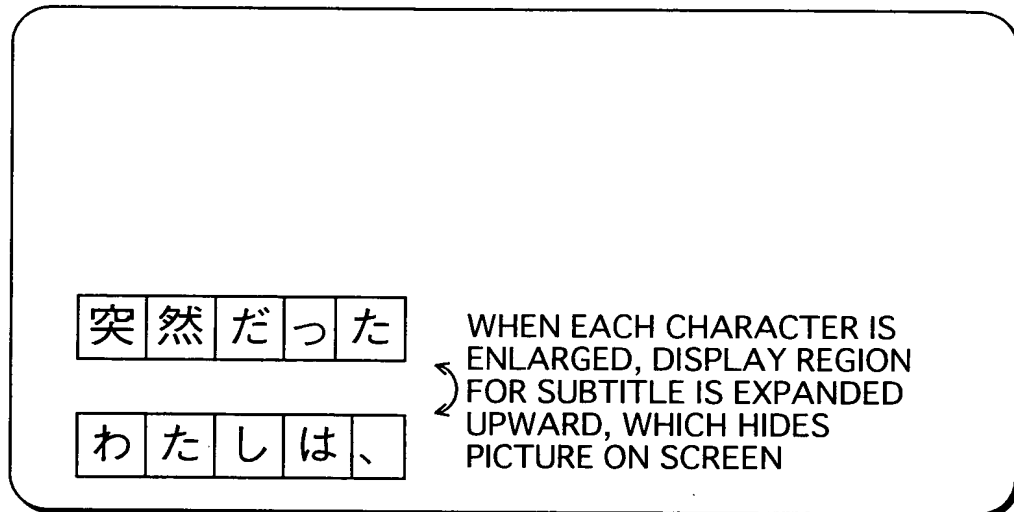


FIG.22C

